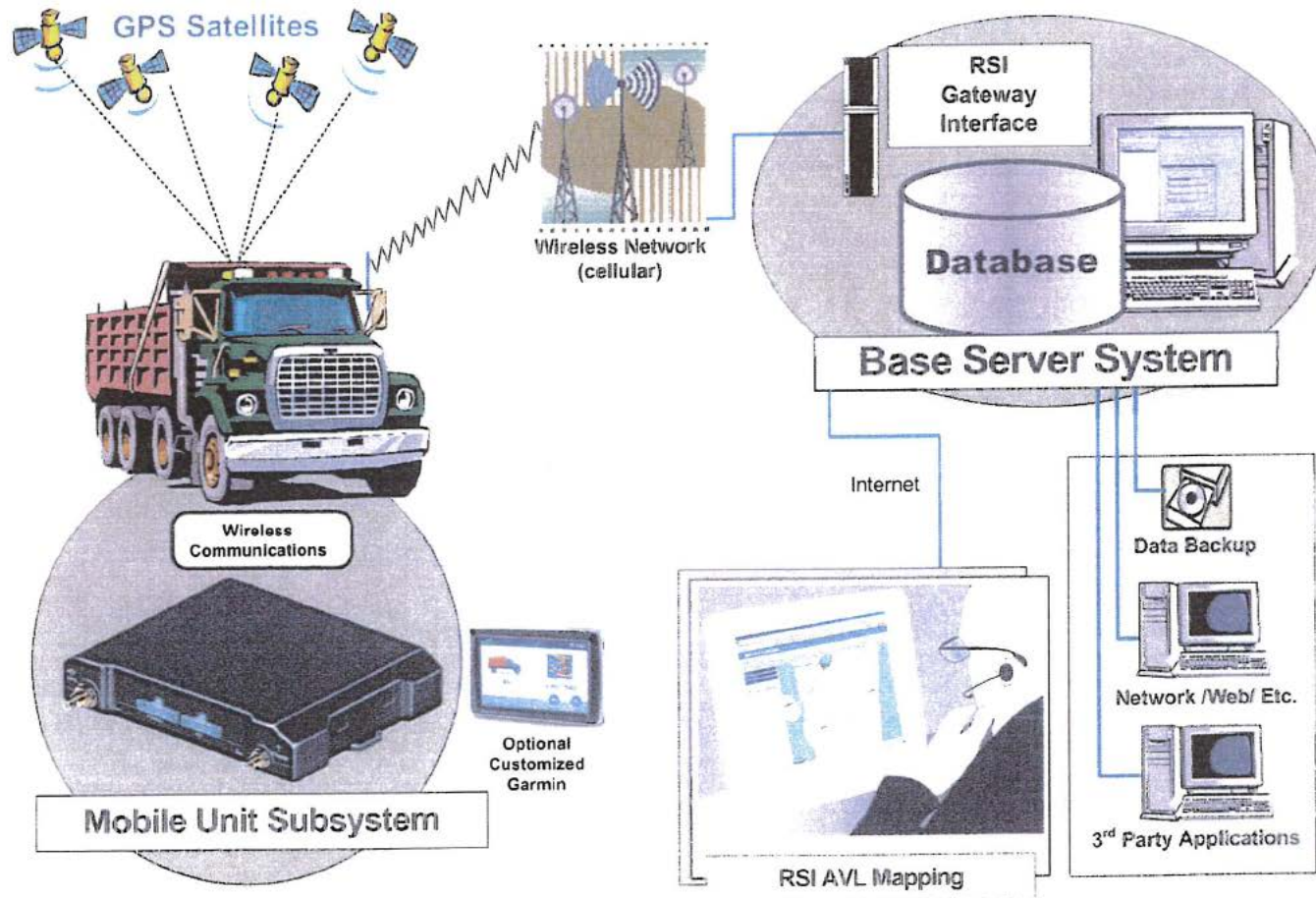




# Automated Vehicle Location/Global Positioning System (AVL/GPS) Contract

September 26, 2012

## AVL System Overview



# AVL/GPS

# AVL/GPS

- Financed by Master Lease Program
- Approved by the ITBLG committee
- New GPS system will consolidate and expand citywide AVL/GPS capability
- Expected cost savings



# Master Lease Program

- Short term financing to acquire essential equipment
- AVL/GPS included in FY 2012 Master Lease Agreement
- FY 2012 AVL/GPS acquisition delayed due to competing priorities and change in scope of project

# Master Lease Program

- AVL/GPS re-introduced in FY 2013 Master Lease Agreement
- Approved by Budget & Finance Committee April 11, 2012
- Approved by Council May 22, 2012

# City Vehicle Profile

- Approximately 4,000 vehicles
- Various vehicle types including public safety, community service and internal support vehicles
- Vehicles used by most City Departments

# Existing AVL/GPS Systems

- Police, Fire, Environmental Services and Public Utilities Departments
- AVL/GPS systems independently operated by several departments
- Approximately 2,000 City vehicles equipped with GPS technology



# AVL/GPS System Benefits

- Monitor and report vehicle location, usage and diagnostic information
- Decrease overall vehicle usage and fuel consumption via route planning, reduced idling and improved maintenance cycles
- Potential to extend vehicle life cycles and improve environmental reporting
- Report ancillary equipment usage



# AVL/GPS Contract

- Project goal is to equip the majority of City vehicles with single, standardized AVL/GPS system
- Proposed contract will provide hosted software, hardware, and professional services to implement new AVL/GPS system
- Proposed contract provides complete system that leverages current City AVL/GPS systems

# Budget Considerations

- \$2 million Master Lease Funding
- \$1 million customer department budgets
- FY 2013 \$210,000 lease payment
  - \$16,275 sales tax
- Five year term for Master Lease Program
- AVL/GPS system cost to be offset by savings in reduced vehicle usage and improved employee productivity

# Proposed Contract

- Request for Proposal issued November 23, 2011
- Five proposals received
- Proposed Vendor - Radio Satellite Integrators, Inc.
- Radio Satellite Integrators represented best overall value to City



# Summary

- Proposed contract will provide single citywide AVL/GPS system for City vehicles
- Expected cost savings through improved vehicle accountability, employee productivity and decreased fuel usage
- Improved service delivery through better vehicle utilization, employee safety and vehicle/staff dispatching capabilities



The background of the slide features a large, faint, light blue watermark of the official seal of the City of San Diego. The seal is circular and contains the text "CITY OF SAN DIEGO" at the top and "CALIFORNIA" at the bottom. The central emblem depicts a harbor scene with a sailing ship, a fisherman, and a miner, symbolizing the city's maritime and industrial history.

# Questions



# Estimated Lease Payments

- FY 2013 \$210,000
- FY 2014 to 2017 \$420,000
- FY 2018 \$208,000